

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

Fig. 1A

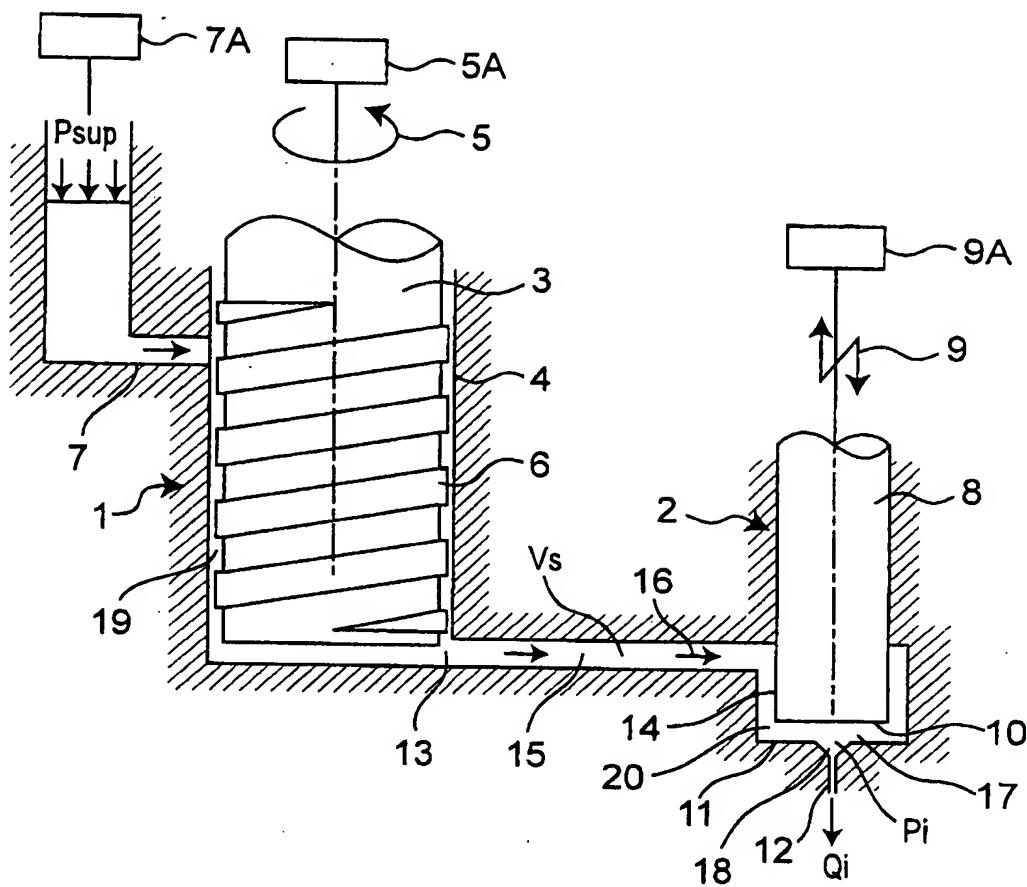
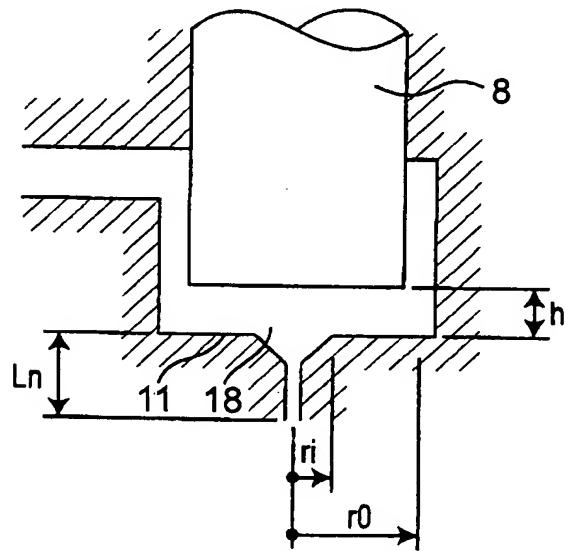


Fig. 1B



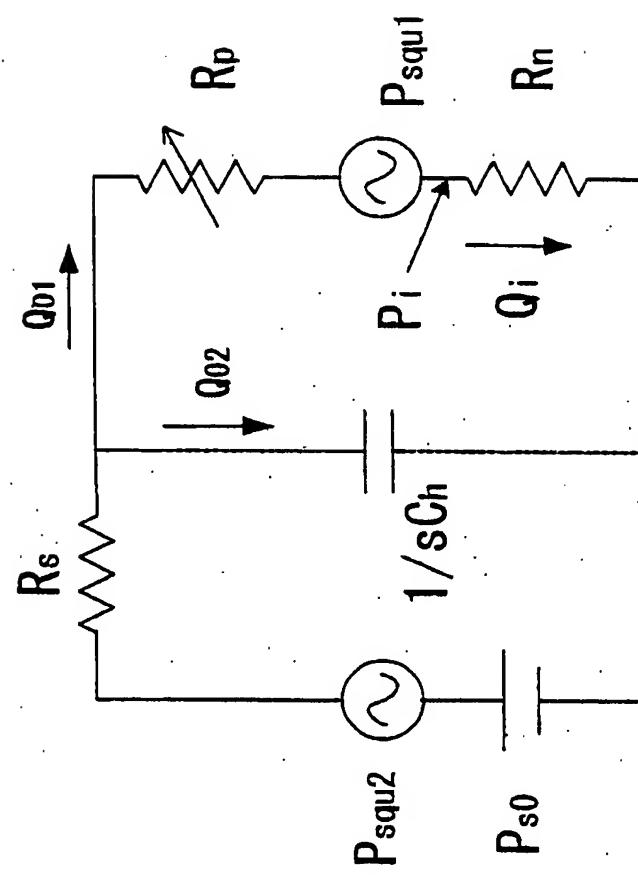


Fig. 2

Fig.3

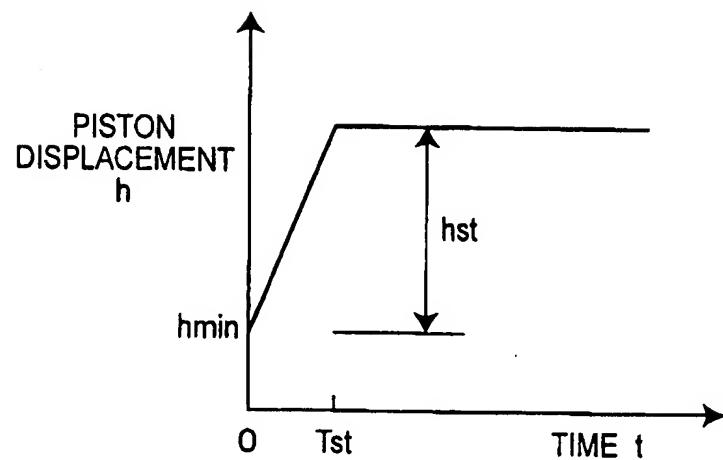


Fig.4

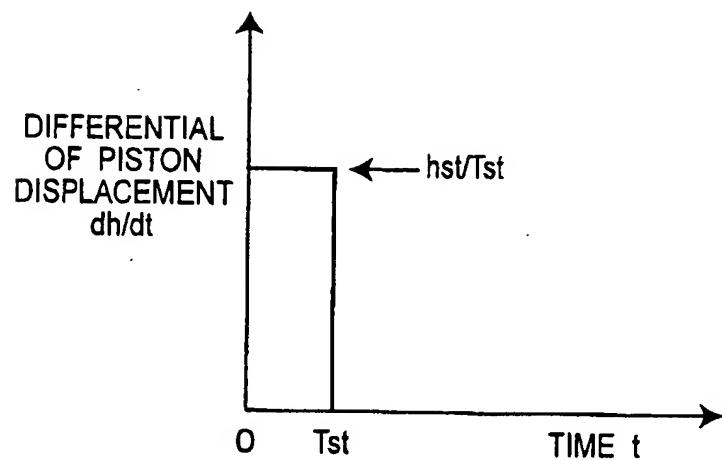


Fig. 5

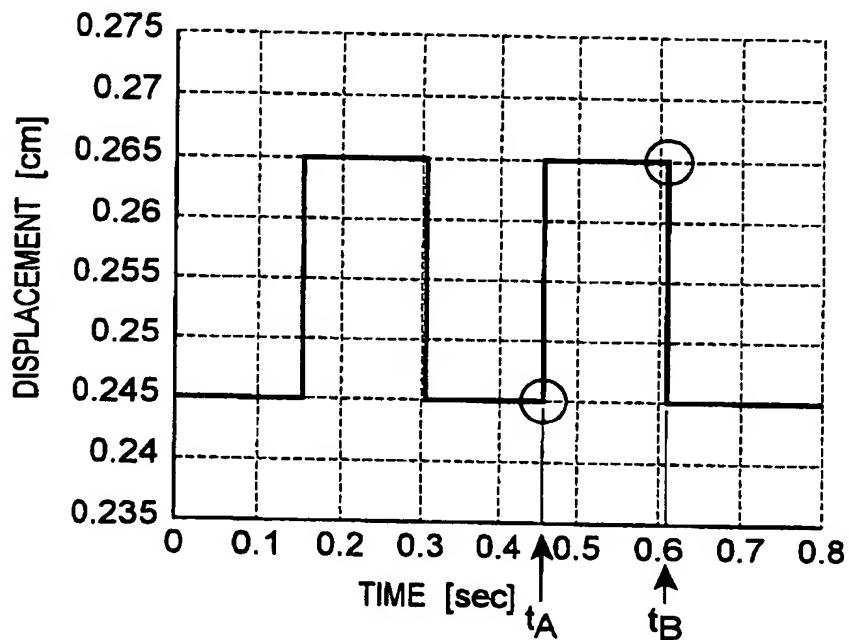


Fig. 6

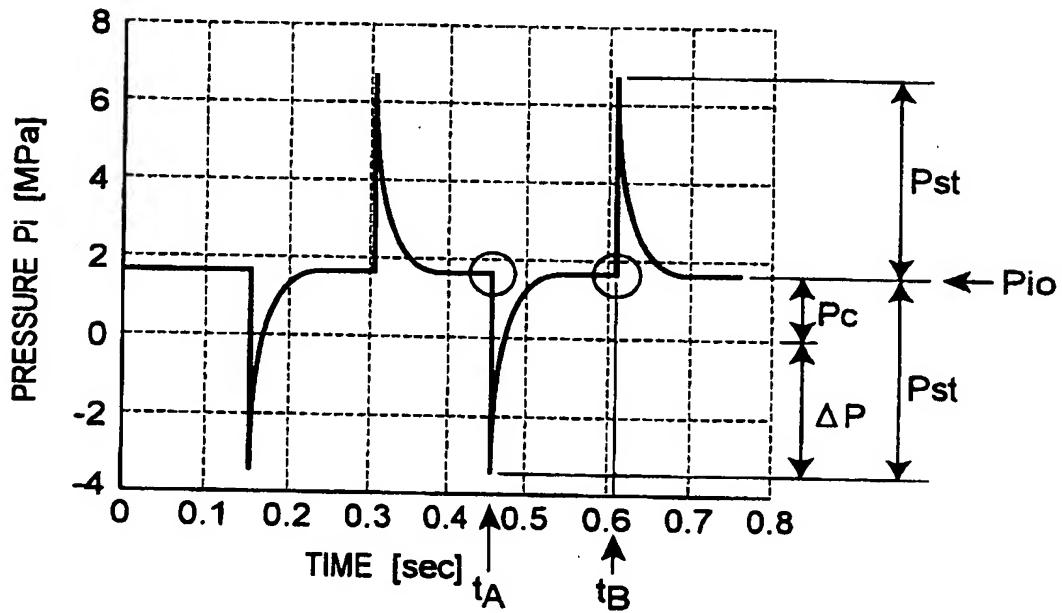


Fig. 7

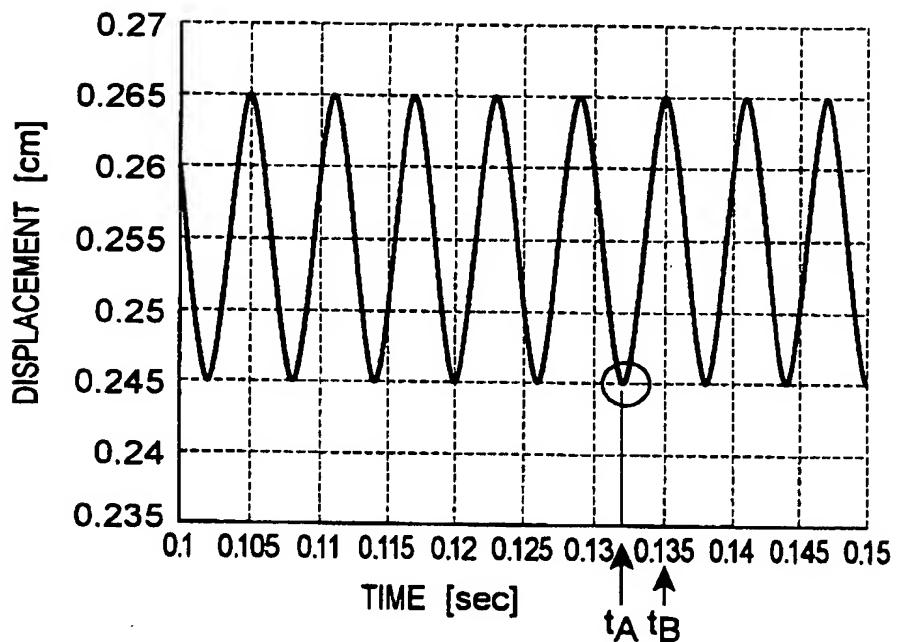


Fig. 8

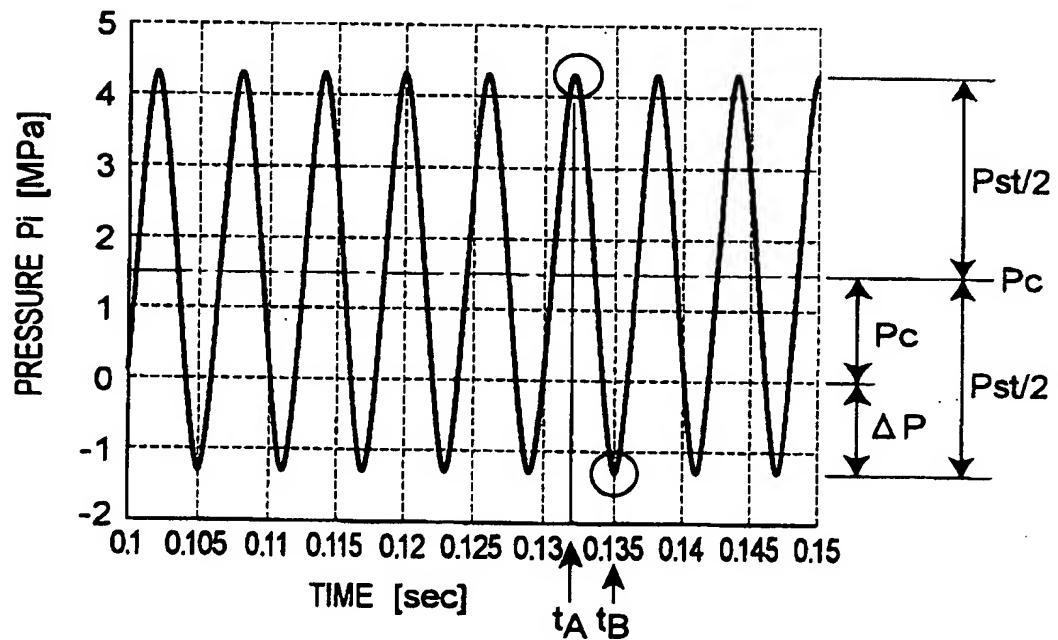


Fig. 9

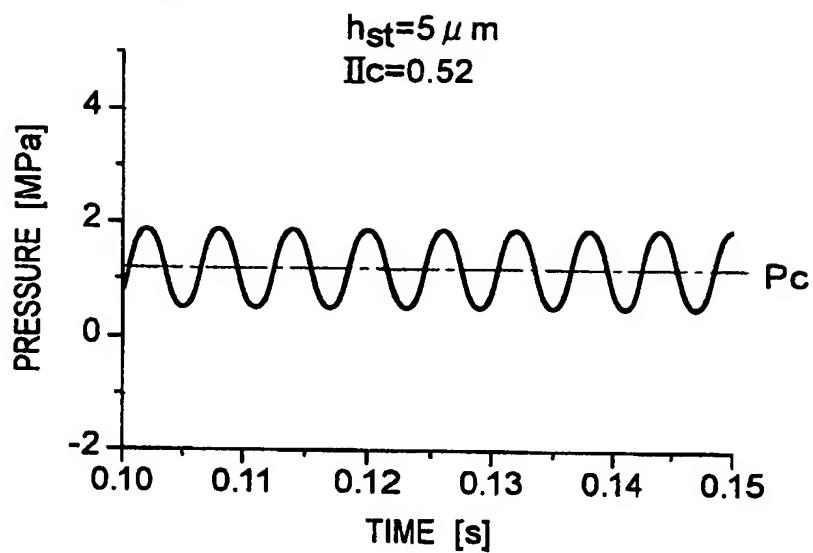


Fig. 10

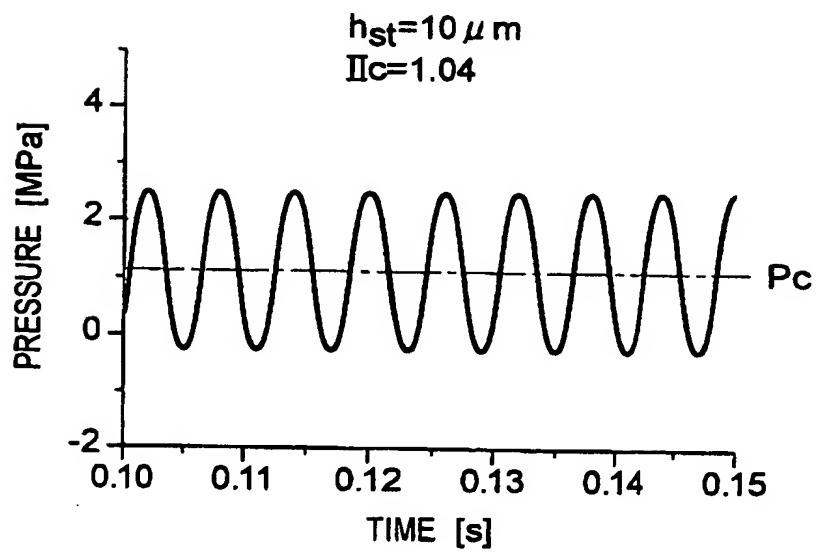


Fig. 11

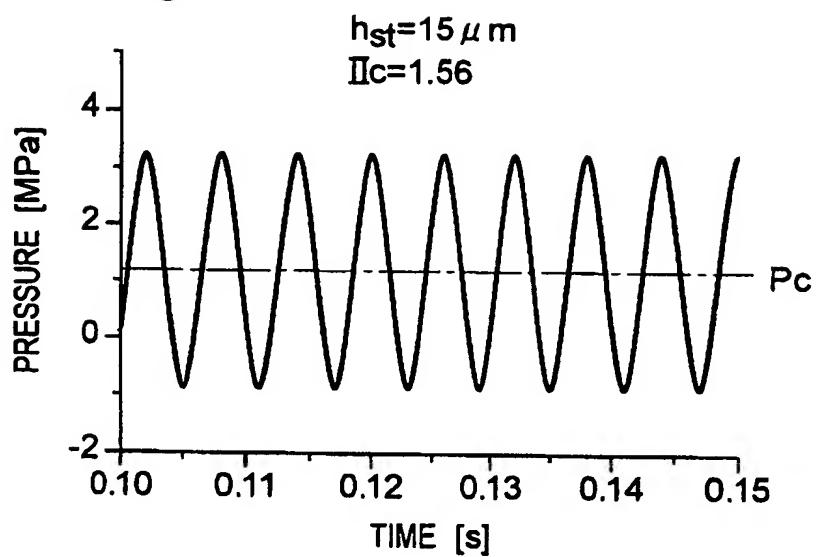


Fig. 12

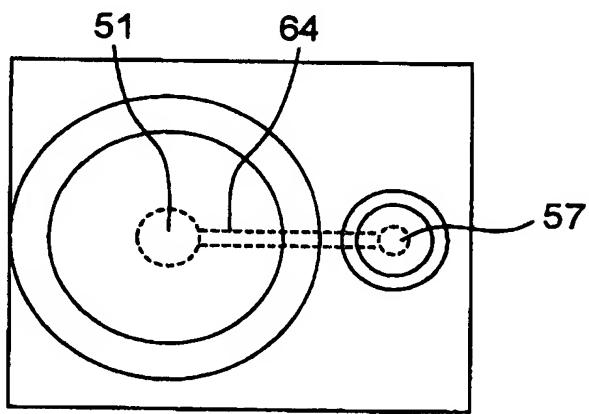


Fig. 13

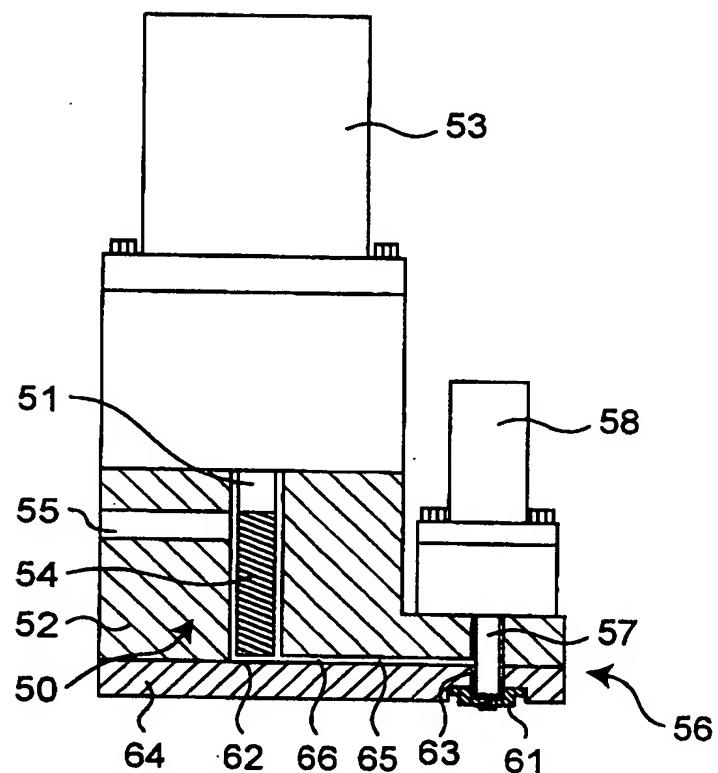


Fig. 14

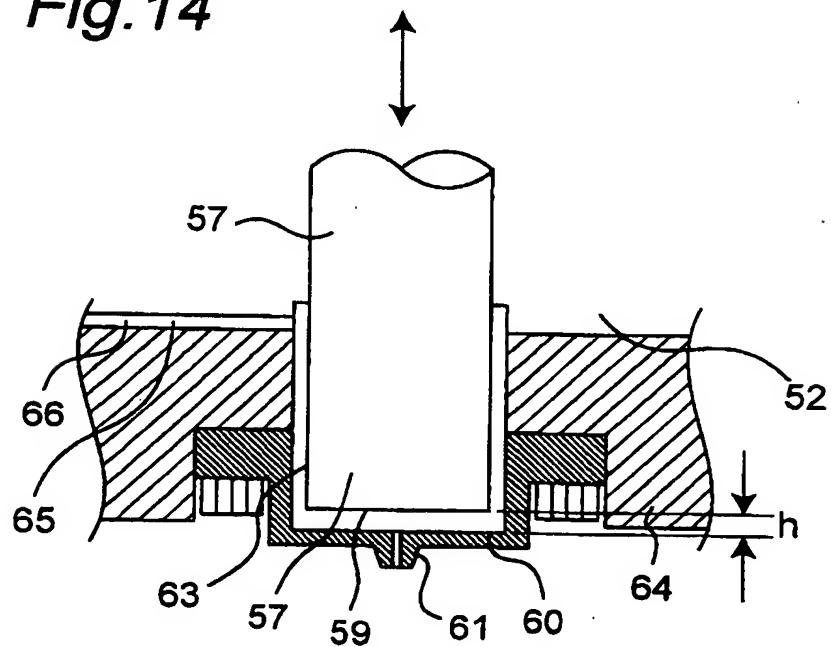


Fig. 15

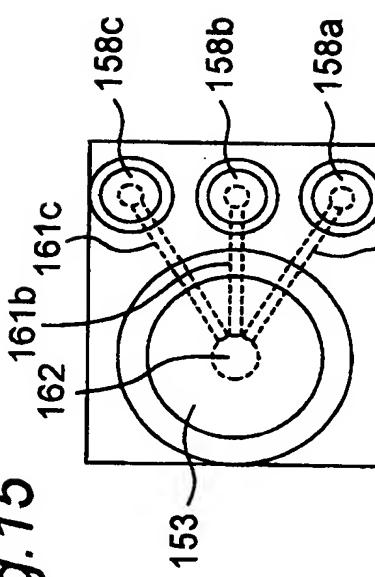


Fig. 16

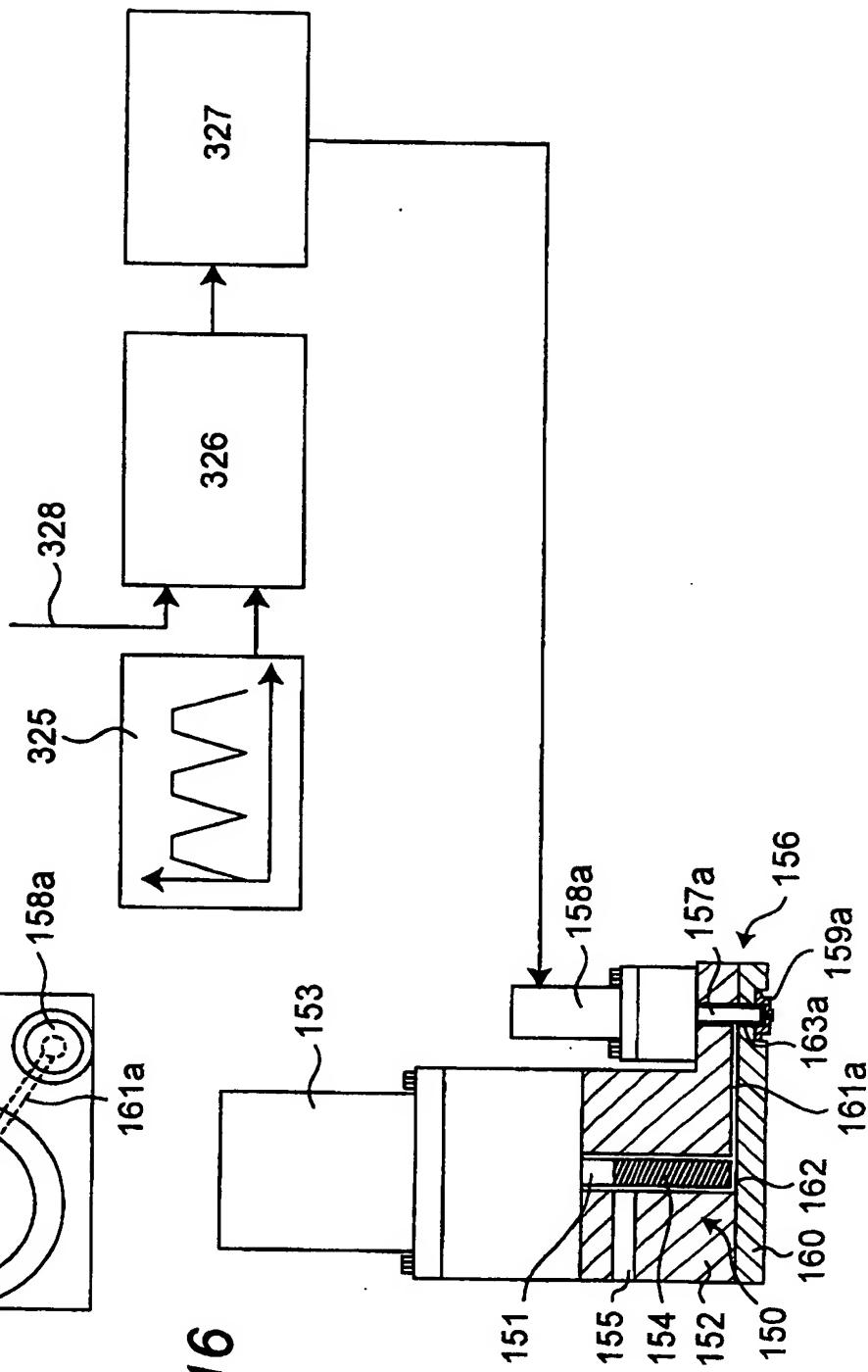


Fig. 17

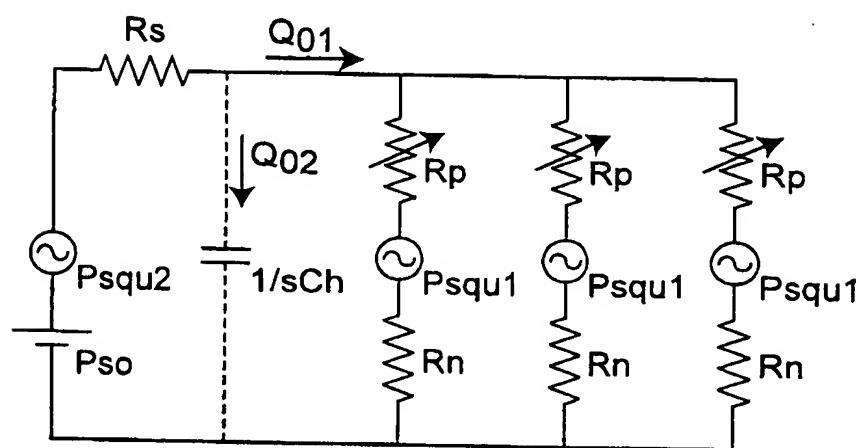


Fig. 18

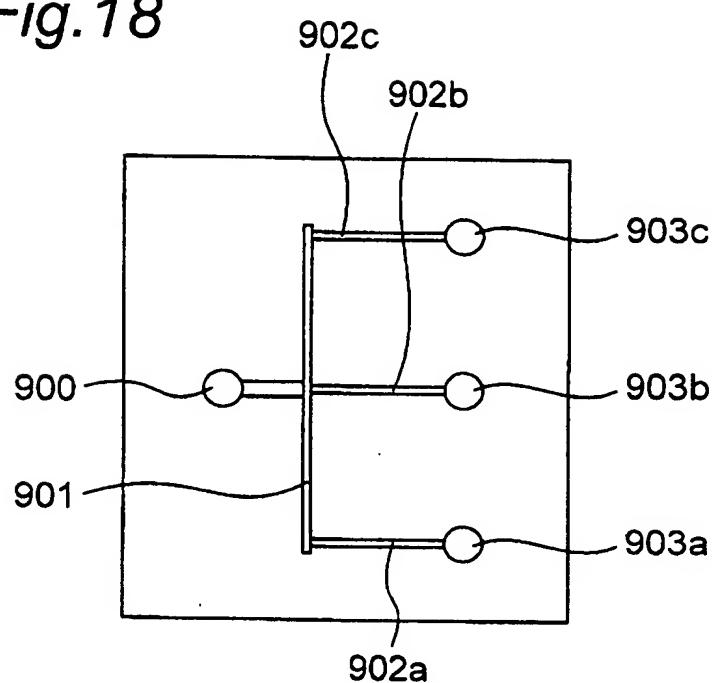


Fig. 19

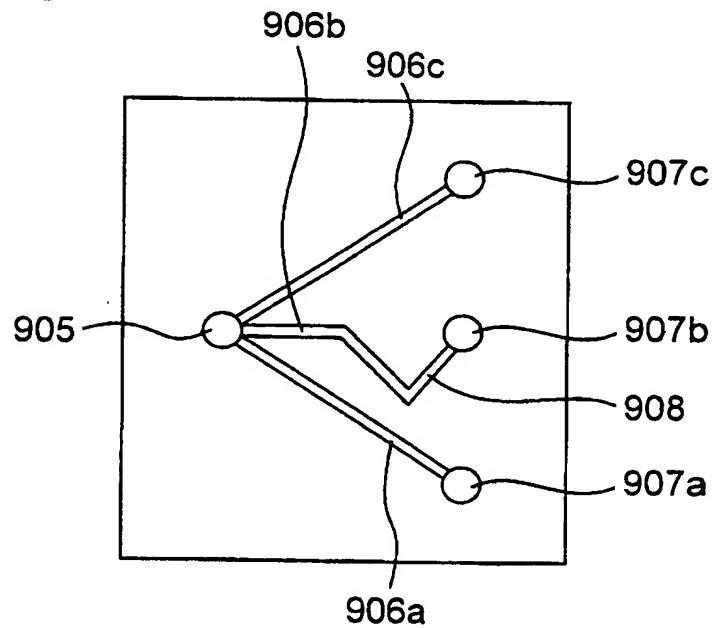
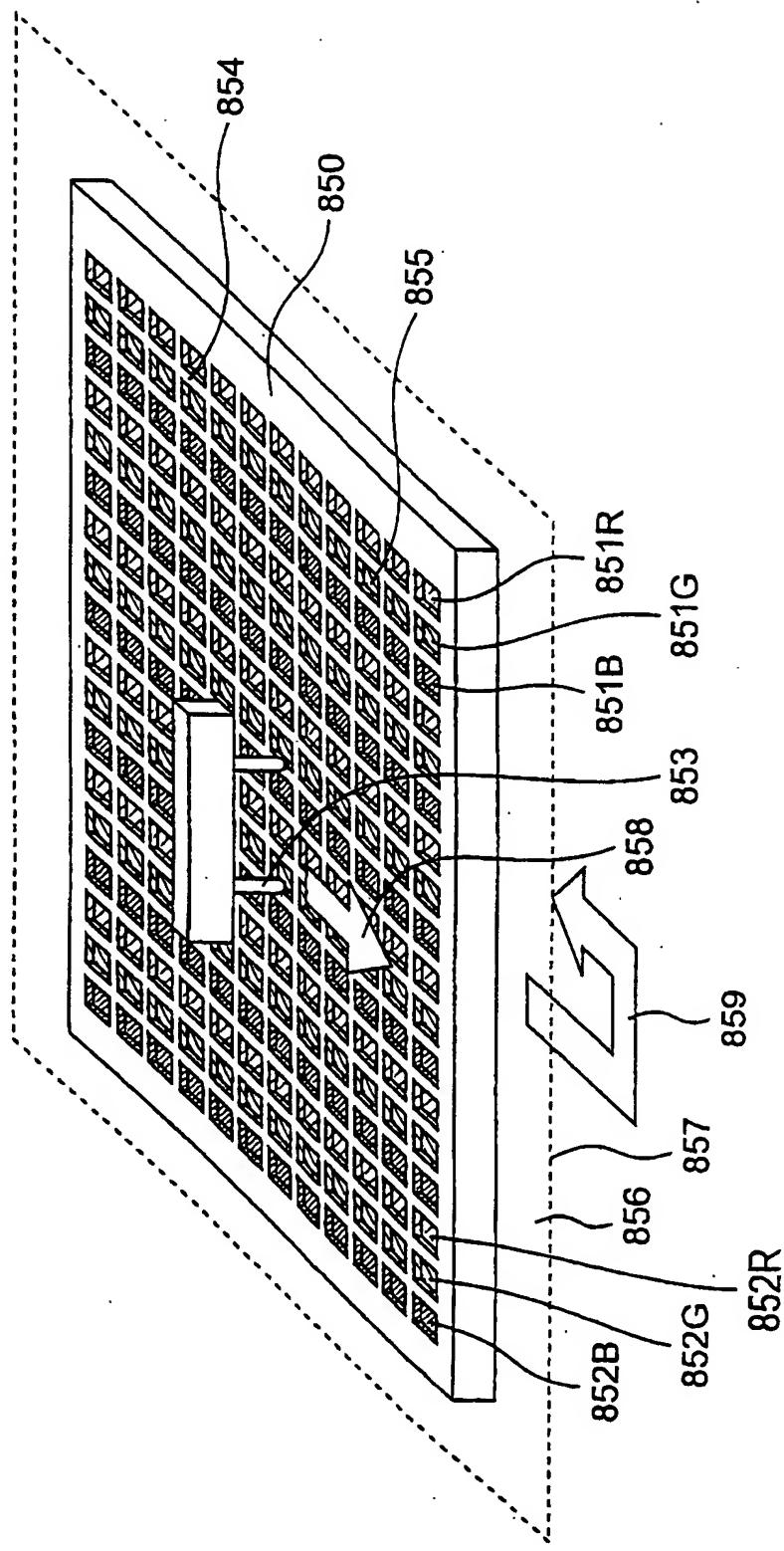


Fig. 20



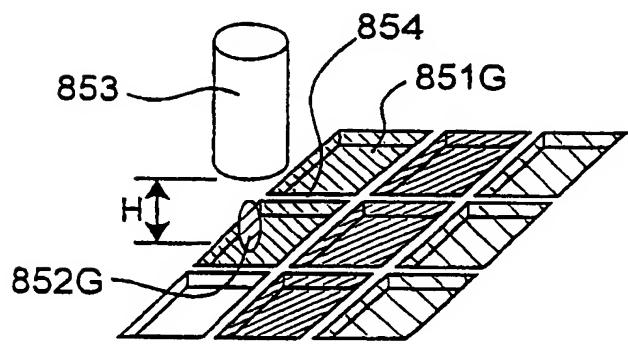
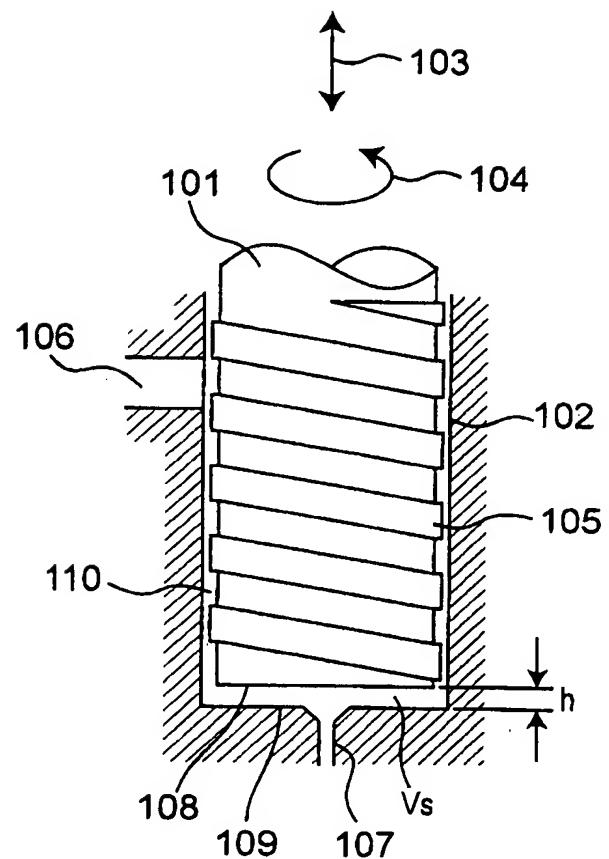
*Fig.21*

Fig.22



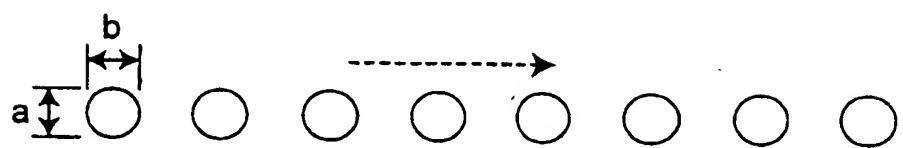
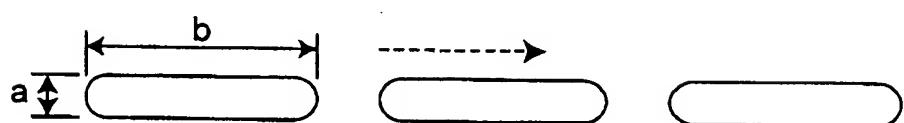
*Fig.23A**Fig.23B*

Fig.24

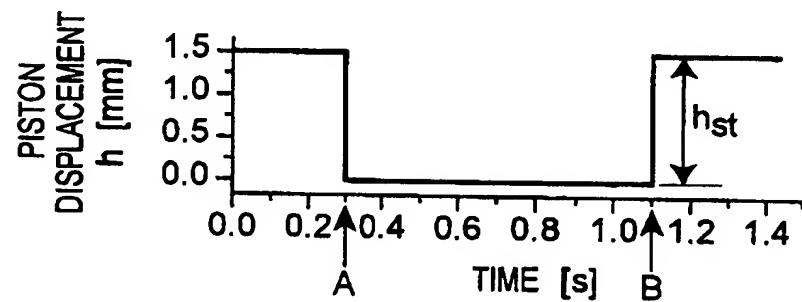


Fig.25

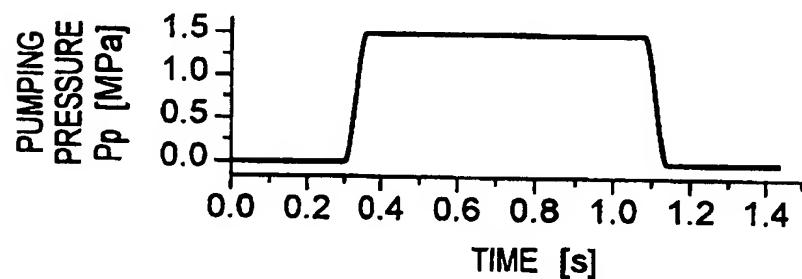


Fig.26

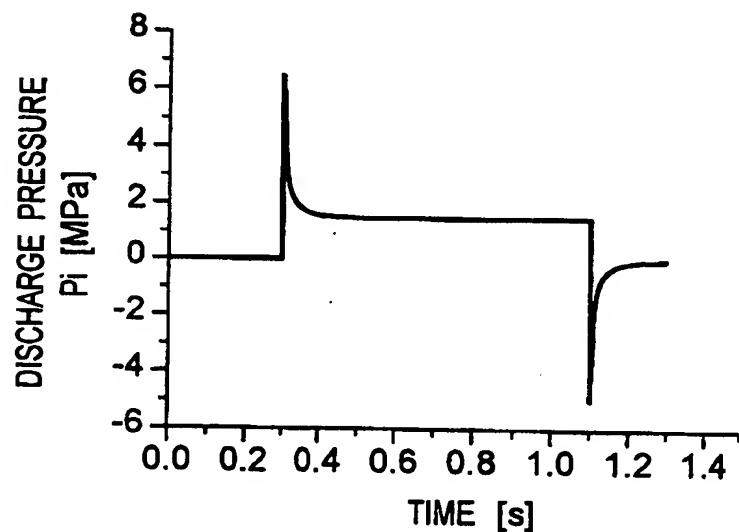


Fig. 27

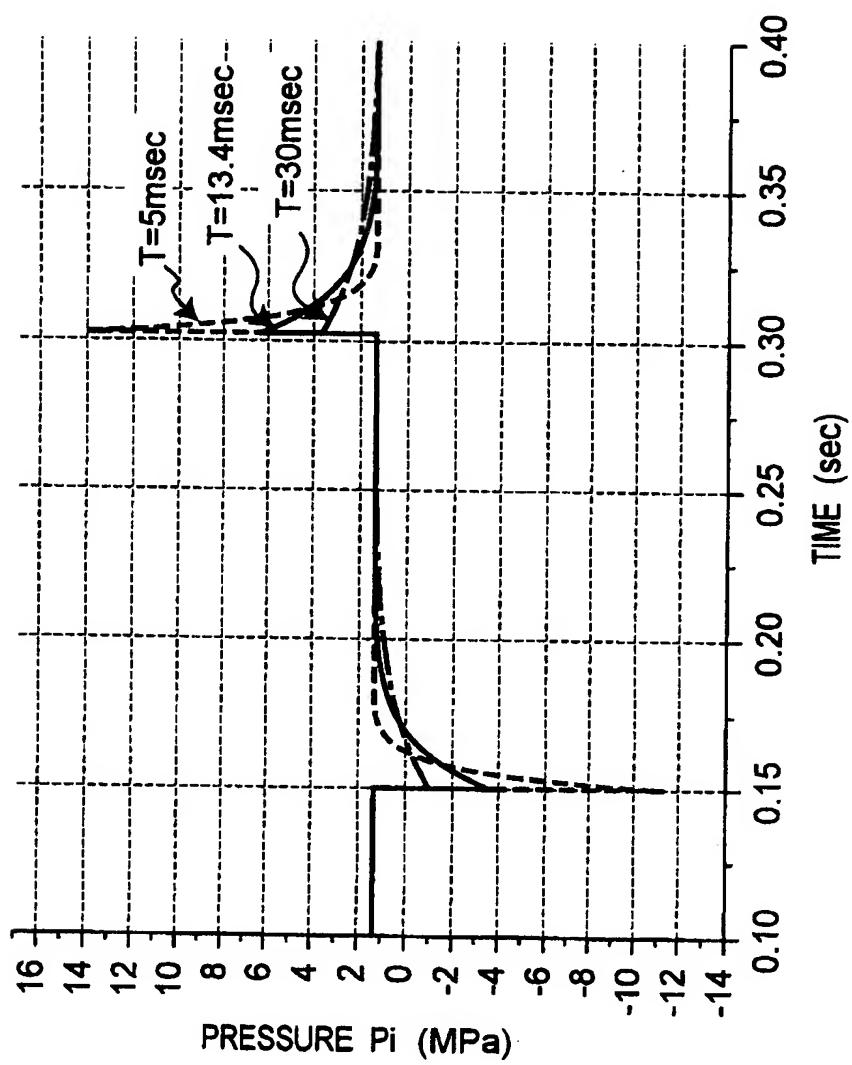


Fig.28A

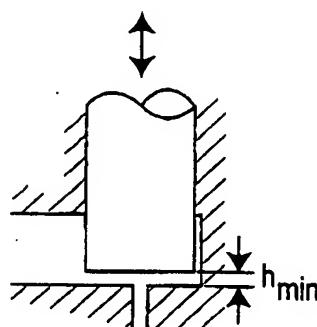


Fig.28B

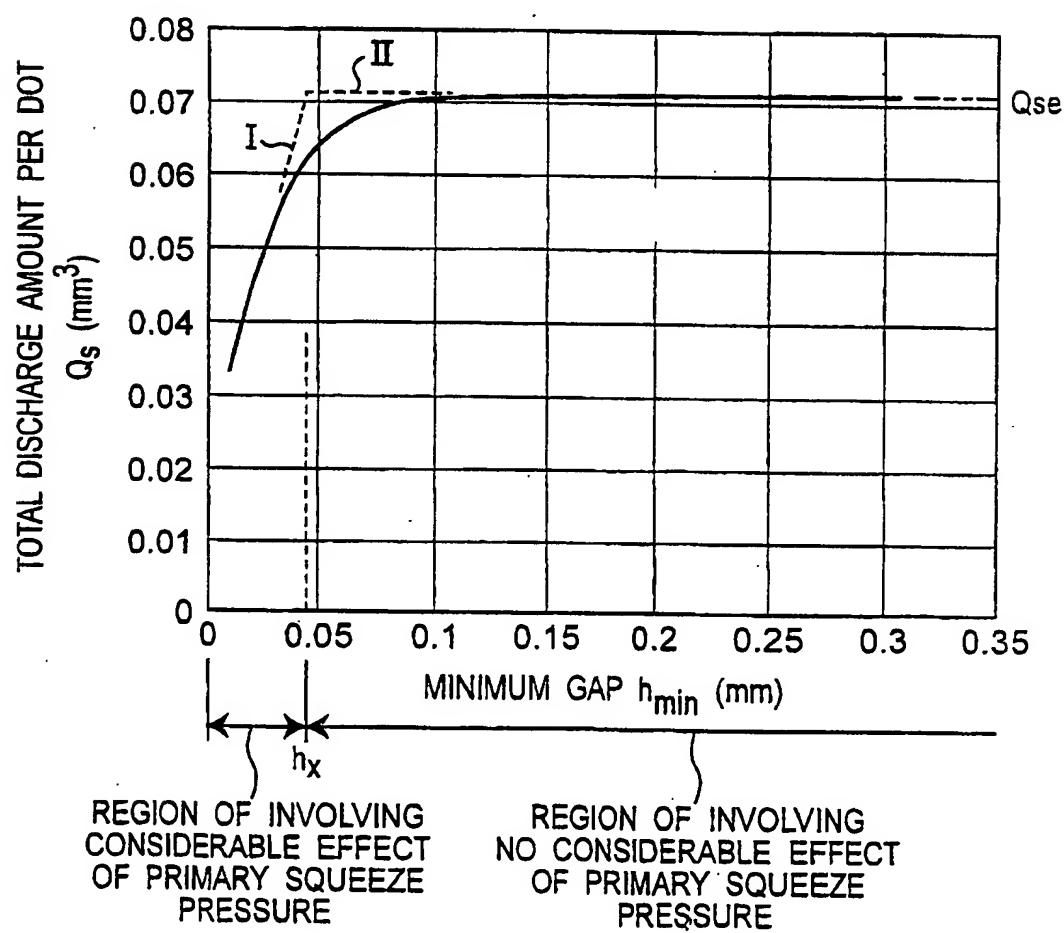


Fig. 29

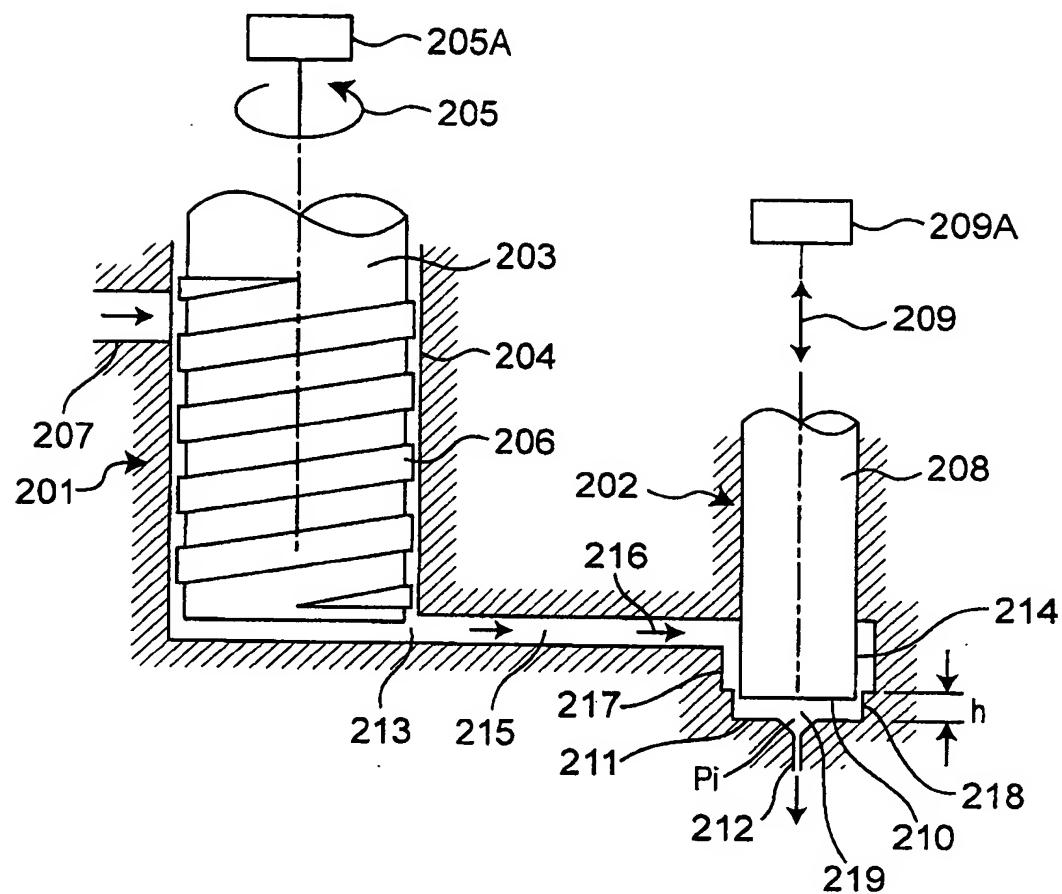


Fig.30A

Fig.30B

Fig.30C

Fig.30D

Fig.30E

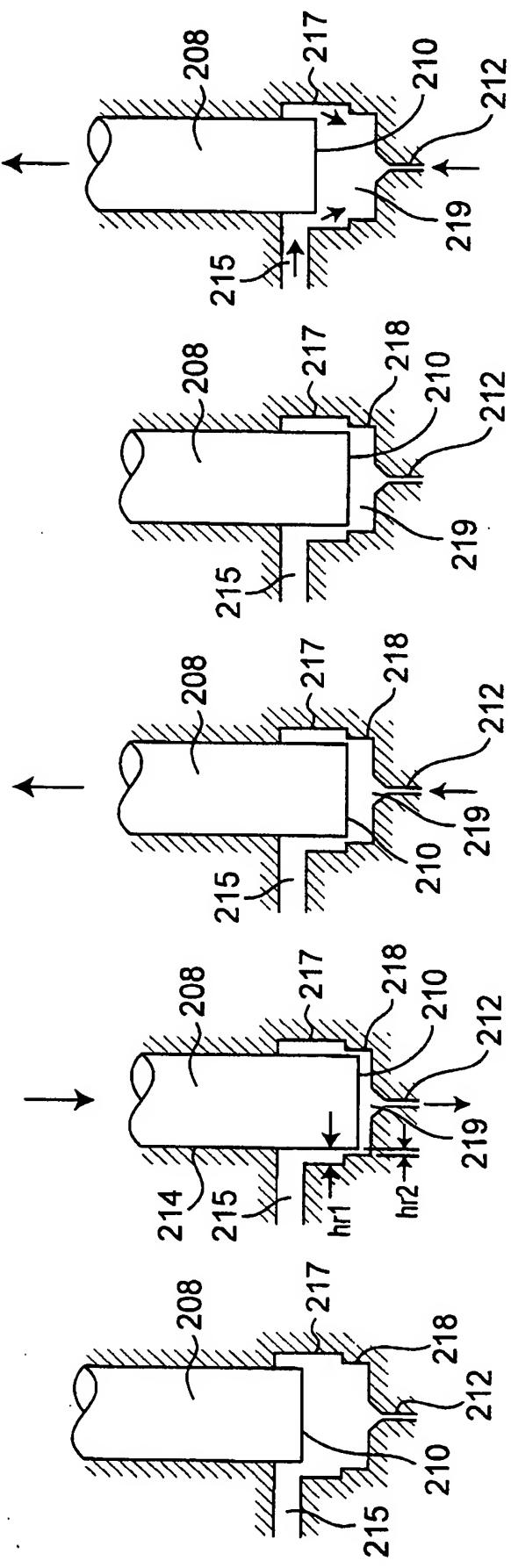
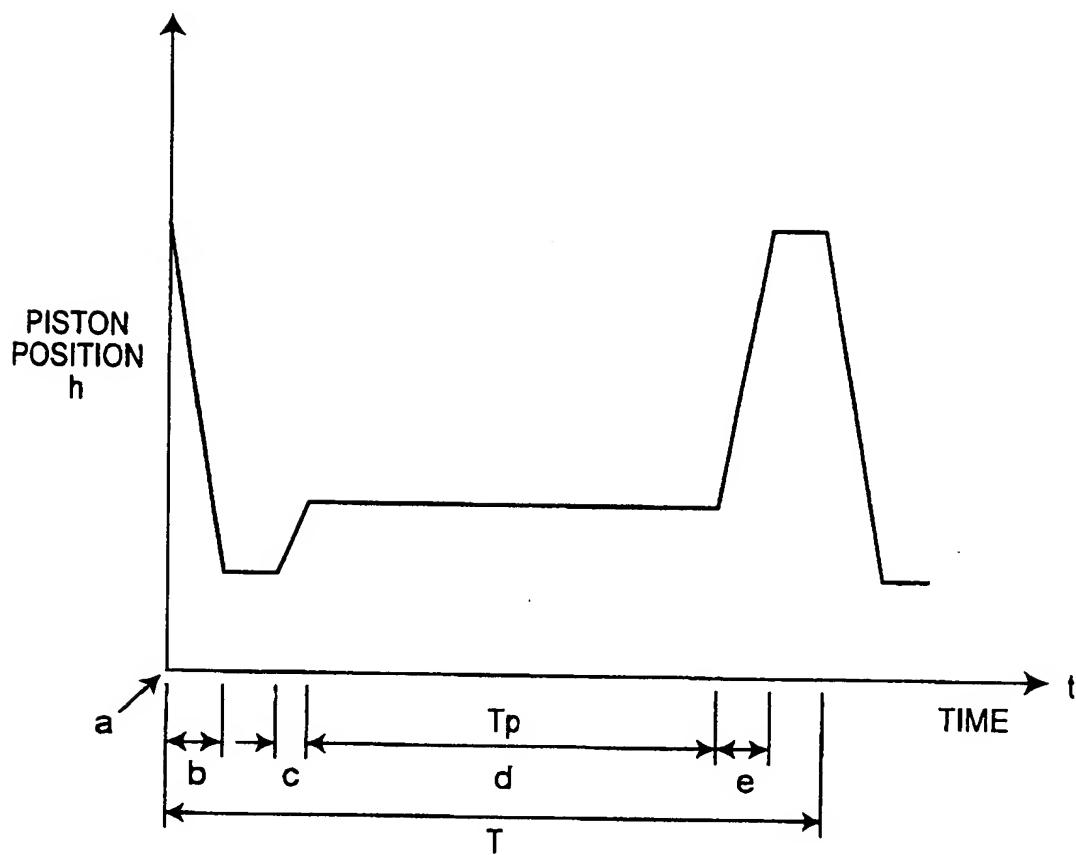


Fig.31



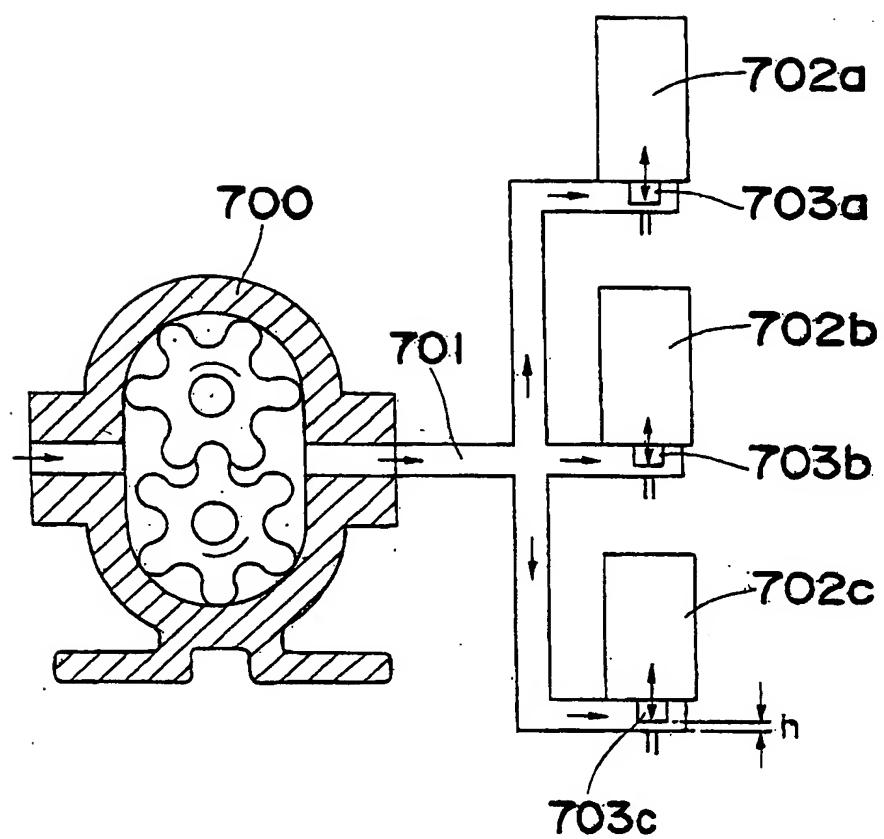
*Fig.32*

Fig.33

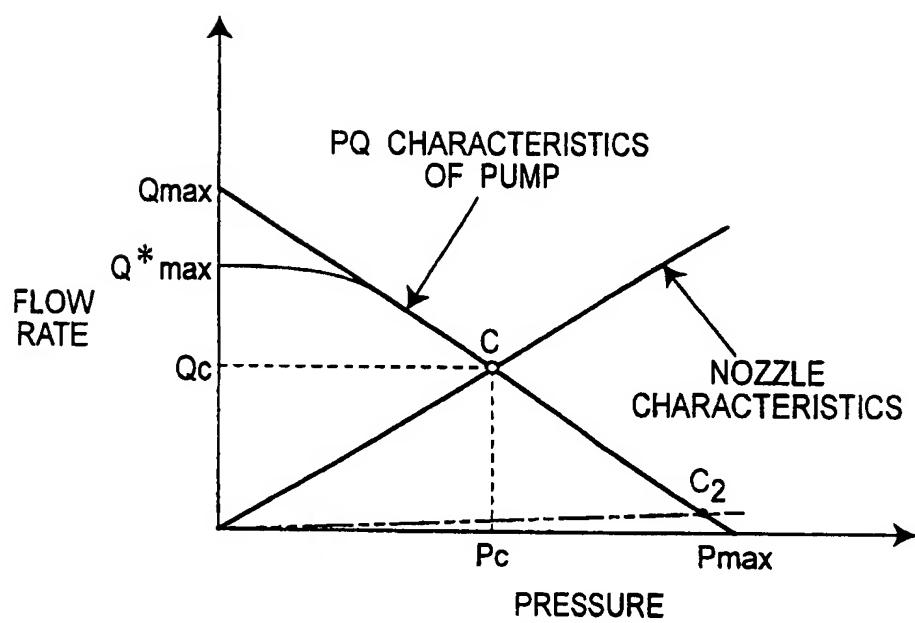
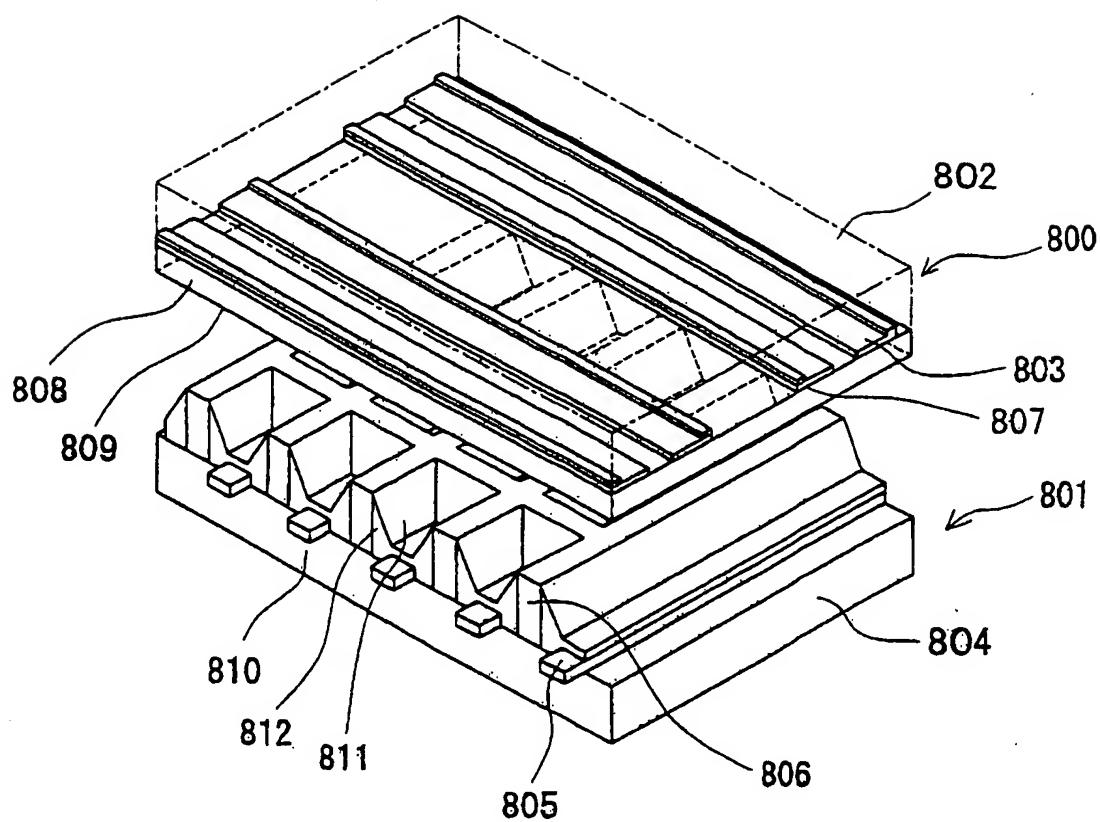


Fig.34



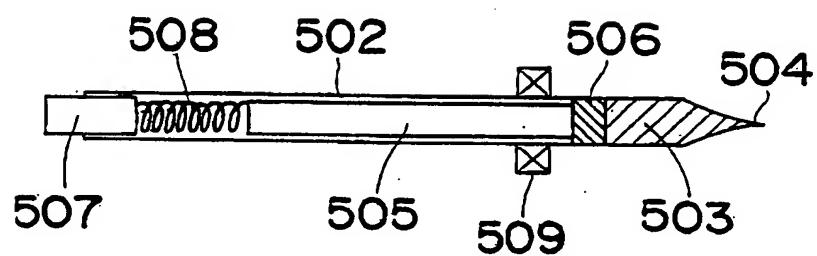
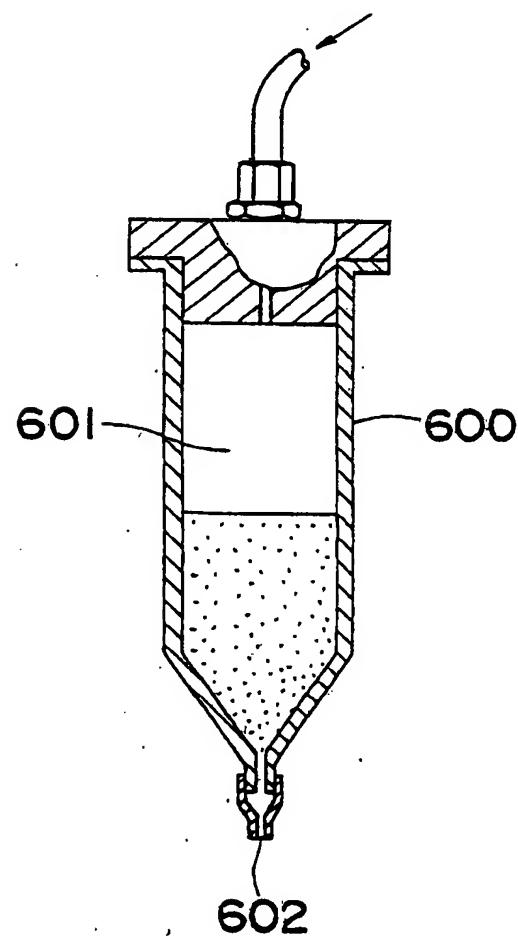
*Fig.35**Fig.36*

Fig. 37

